

# Texas Water Use Estimates

## 2015 Summary

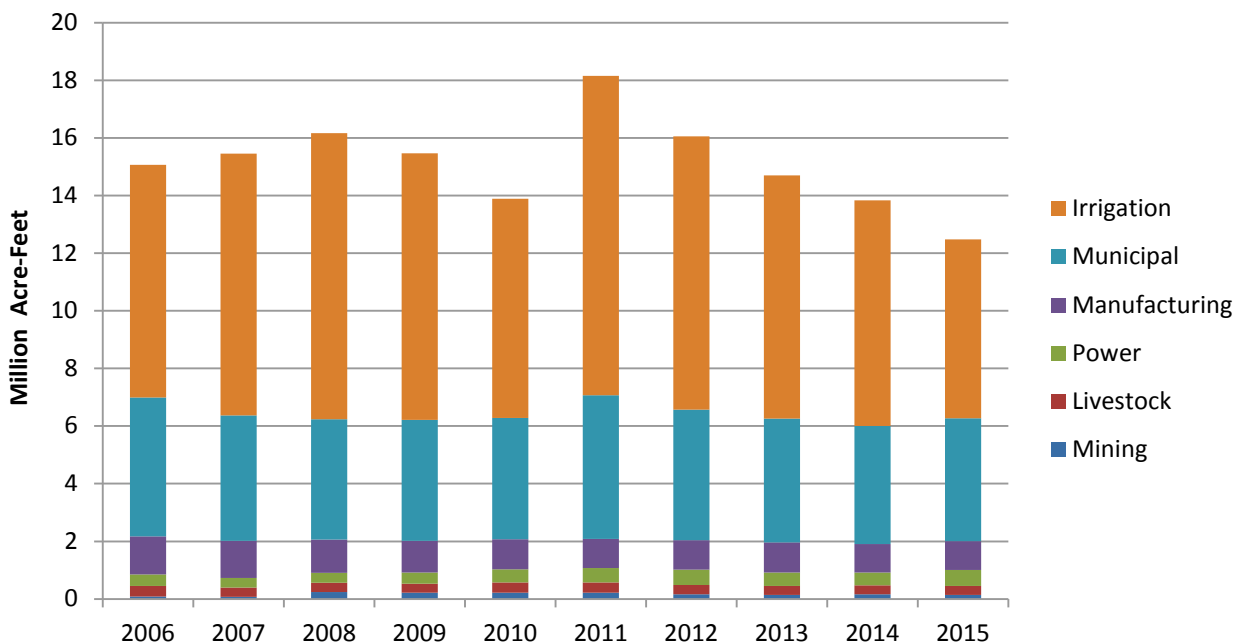
Updated October 2, 2017

The Texas Water Development Board Water Use Survey program conducts an annual survey of about 4,300 public water systems and 2,000 industrial facilities. The water use survey collects the volume of both ground and surface water used, the source of the water, water sales, and other pertinent data from the users. This data provides an important source of information in helping guide water supply studies as well as regional and state water planning that is dependent upon the accuracy and completeness of the information water users provide.

Of the approximately 6,500 systems/facilities surveyed, 83% submitted their water use survey for 2015 water use. This represents about 94% of the total surveyed water use in the state. For those systems/facilities that did not submit their survey, estimates were carried-over from the most current available year. Estimates are also revised as additional or more accurate data becomes available through survey responses.

## 2015 Estimated Annual Statewide Water Use

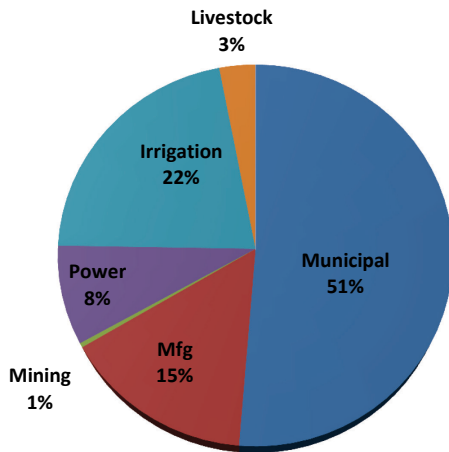
Total estimated water use for 2015 (including reported reuse) was about 12.42 million acre-feet (*1 acre-foot = 325,851 gallons*) and was down from 2014 which was estimated at about 13.83 million acre-feet. The total 2015 estimated municipal water use slightly increased to 4.26 million acre-feet compared to 4.09 million acre-feet in 2014. Below is a breakdown of the categorical estimated uses from 2006 to 2015. Irrigation water use (**50%**) topped the largest water use category in the State in 2015 with an estimated 6.21 million acre-feet. Municipal water use (**34%**) was the second largest water use category with an estimated 4.26 million acre-feet. Manufacturing (**8%**), Power (**4%**), Livestock (**3%**), and Mining (**1%**) estimated water use collectively comprised about 2.0 million acre-feet.



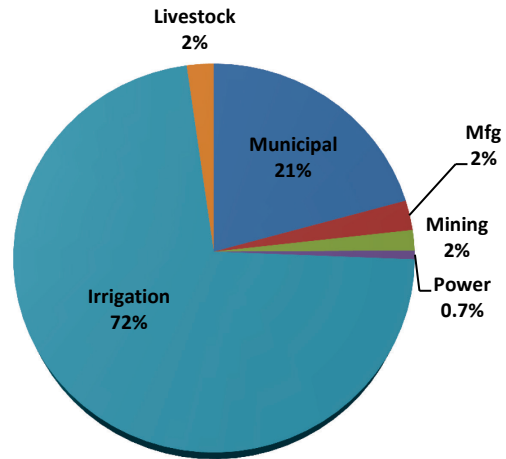
# 2015 Surface & Groundwater Use Estimates

Approximately **56%** of the 2015 estimated water use in Texas was from **groundwater** sources (about 6.95 million acre-feet) with **42%** from **surface water** sources (about 5.27 million acre-feet) and **2%** from reuse (about a quarter million acre-feet). The two graphs below illustrate the categorical differences in use between surface water and groundwater sources.

**2015 Surface Water Estimates  
by Category**



**2015 Groundwater Estimates  
by Category**



Detailed reports of historical water use estimates and historical groundwater pumpage in Texas can be found at:

<http://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates/index.asp>

<http://www.twdb.texas.gov/waterplanning/waterusesurvey/historical-pumpage.asp>